

In the Abstract:

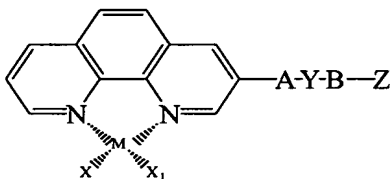
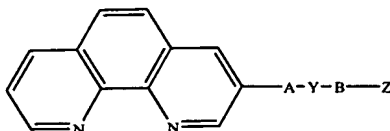
Page 35, line 1, insert - The invention relates to 1,10 phenanthroline derivatives
substituted at the 3-,8-positions✓

In the Claims:

✓ Please cancel claims 27-43, without prejudice or disclaimer, as being drawn to a non-elected invention.

✓ Please amend the following claims:

44. (Amended) A compound represented by one of the formulae:



wherein

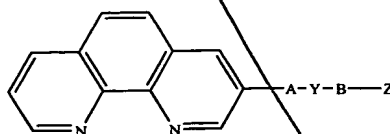
M is a transition metal ion;

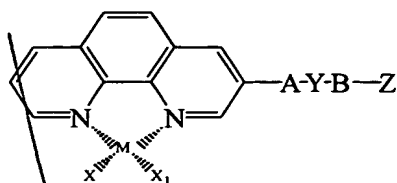
the A-Y-B moiety is [acetylene]selected from the group consisting of $-C\equiv C-$, $-CH=CH-$, $-N=N-$, and $-CH=N-$;

X and X_1 are co-ligands and wherein at least one of X and X_1 is present; and

Z is a nucleosidyl moiety.

45. (Amended) A compound represented by one of the formulae:





wherein

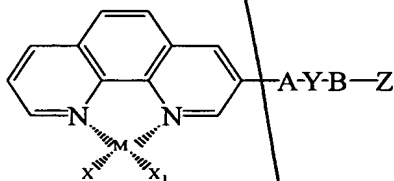
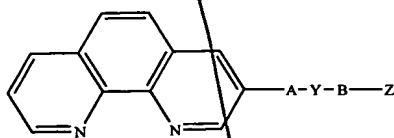
M is a transition metal ion;

the A-Y-B moiety is [acetylene]selected from the group consisting of $-C\equiv C-$, $-CH=CH-$, $-N=N-$, and $-CH=N-$;

X and X_1 are co-ligands and wherein at least one of X and X_1 is present; and

Z is a nucleotidyl moiety.

46. (Amended) A compound represented by one of the formulae:



wherein

M is a transition metal ion;

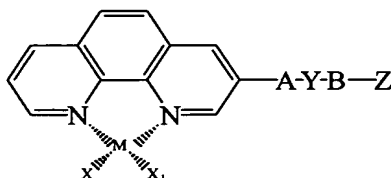
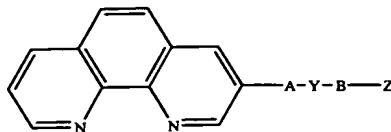
the A-Y-B moiety is [acetylene]selected from the group consisting of $-C\equiv C-$, $-CH=CH-$, $-N=N-$, and $-CH=N-$;

X and X_1 are co-ligands and wherein at least one of X and X_1 is present;

and Z is a nucleic acid moiety.

Please add the following claims:

--48. A compound represented by one of the formulae:



wherein

M is a transition metal ion;

the A-Y-B moiety is [acetylene]selected from the group consisting of -C≡C-, -CH=CH-,
-N=N-, and -CH=N-;

X and X₁ are co-ligands and wherein at least one of X and X₁ is present;

and Z is a phosphoramidite nucleotidyl moiety.

49. A compound according to claims 44, 45, 46 or 48 wherein M is selected from the group consisting of ruthenium, rhenium and osmium.--

REMARKS

Claims 44-49 are pending. Claims 48-49 are newly added. Support for new claim 48 is found on pages 10-12. Support for new claim 49 is found on page 7. An appendix of pending claims is attached for the Examiner's convenience.

An abstract has been submitted by amendment on page 35, line 1.